

## Product datasheet for **KN201110BN**

### GLI1 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	GLI1
Locus ID:	2735
Components:	<b>KN201110G1</b> , GLI1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201110G2</b> , GLI1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201110BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	<a href="#">NM_001160045</a> , <a href="#">NM_001167609</a> , <a href="#">NM_005269</a>
UniProt ID:	<a href="#">P08151</a>
Synonyms:	GLI
Summary:	This gene encodes a member of the Kruppel family of zinc finger proteins. The encoded transcription factor is activated by the sonic hedgehog signal transduction cascade and regulates stem cell proliferation. The activity and nuclear localization of this protein is negatively regulated by p53 in an inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]



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Product images:

